AUTODOC CLUB

How to change rear brake pads on **VW Passat B5 Variant** – replacement guide

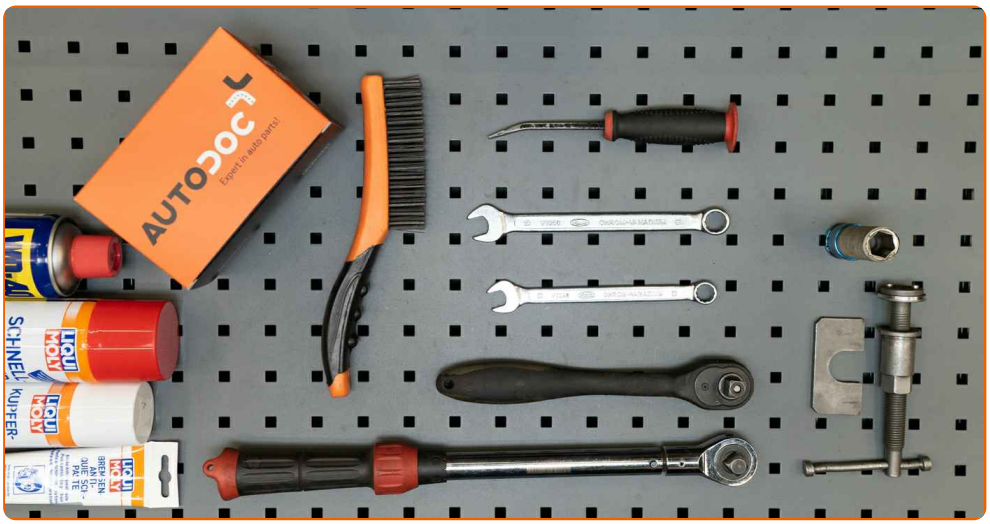
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW Caddy III Van (2KA, 2KH, 2CA, 2CH) 1.9 TDI 4motion, VW GOLF PLUS (5M1, 521) 1.6 BiFuel, VW GOLF VI (5K1) 1.6 MultiFuel, VW GOLF PLUS (5M1, 521) 1.6 TDI, VW SHARAN (7M8, 7M9, 7M6) 1.9 TDI, VW SHARAN (7M8, 7M9, 7M6) 2.0, VW SHARAN (7M8, 7M9, 7M6) 2.8 VR6, VW Polo Hatchback (6N1) 1.4 16V, VW Polo Classic (6V2) 1.6, VW SHARAN (7M8, 7M9, 7M6) 2.8 VR6 Syncro, VW PASSAT (3B2) 1.6, VW PASSAT (3B2) 1.8, VW PASSAT (3B2) 1.8 T, VW PASSAT (3B2) 2.3 VR5, VW PASSAT (3B2) 2.8 V6 Syncro/4motion, (+ 285)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – VW PASSAT B5 VARIANT. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Wheel chock

BUY TOOLS

Replacement: brake pads – VW Passat B5 Variant. AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – VW PASSAT B5 VARIANT. RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

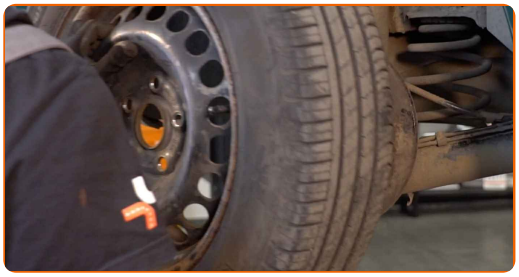
4 Raise the rear of the car and secure on supports.

5 Unscrew the wheel bolts.

Replacement: brake pads – VW Passat B5 Variant. Tip:

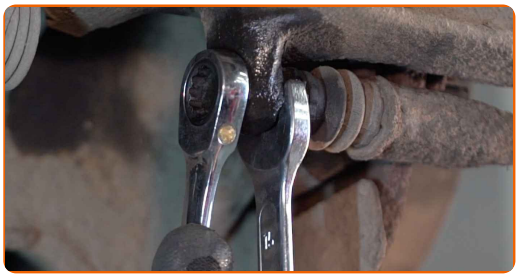
- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.



7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8 Unscrew the brake caliper fastening. Use a combination spanner #15. Use a combination spanner #13. Use a ratchet wrench.

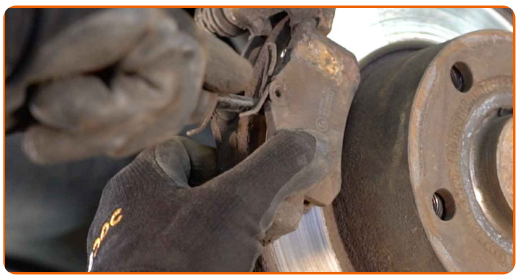


9 Remove the brake caliper. Use a crowbar.

Replacement: brake pads – VW Passat B5 Variant. AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

10 Remove the brake pads. Use a crowbar.



Replacement: brake pads – VW Passat B5 Variant. Tip from AUTODOC:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

11 Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake pads – VW Passat B5 Variant. After applying the spray, wait a few minutes.

12 Press in the brake caliper piston. Use brake caliper wind back tool.

13 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

Replacement: brake pads – VW Passat B5 Variant. Tip from AUTODOC experts:

- Make sure the disc surface is clean before installing the pads.

14 Install new brake pads.

Replacement: brake pads – VW Passat B5 Variant. AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

15 Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

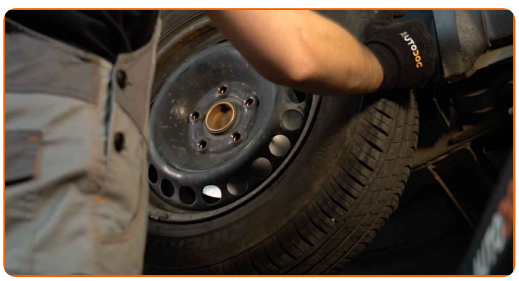
16 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

17 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake pads – VW Passat B5 Variant. After applying the spray, wait a few minutes.

18 Install the wheel.



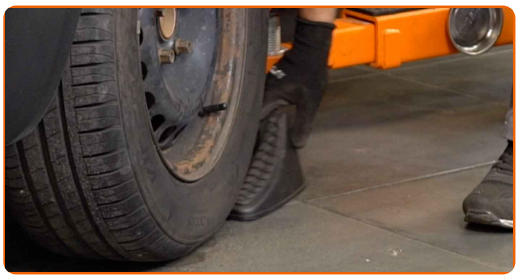
Replacement: brake pads – VW Passat B5 Variant. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

19 Screw in the wheel bolts. Use wheel impact socket #17.

20 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

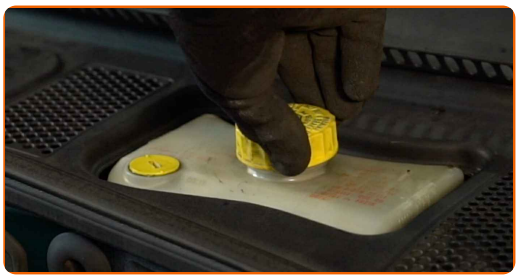
21 Remove the jacks and chocks.



Replacement: brake pads – VW Passat B5 Variant. Tip:

- Check the brake fluid level in the expansion tank and refill if necessary.

22 Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- VW Passat B5 Variant – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

23 Close the hood.

Replacement: brake pads – VW Passat B5 Variant. AUTODOC experts recommend:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

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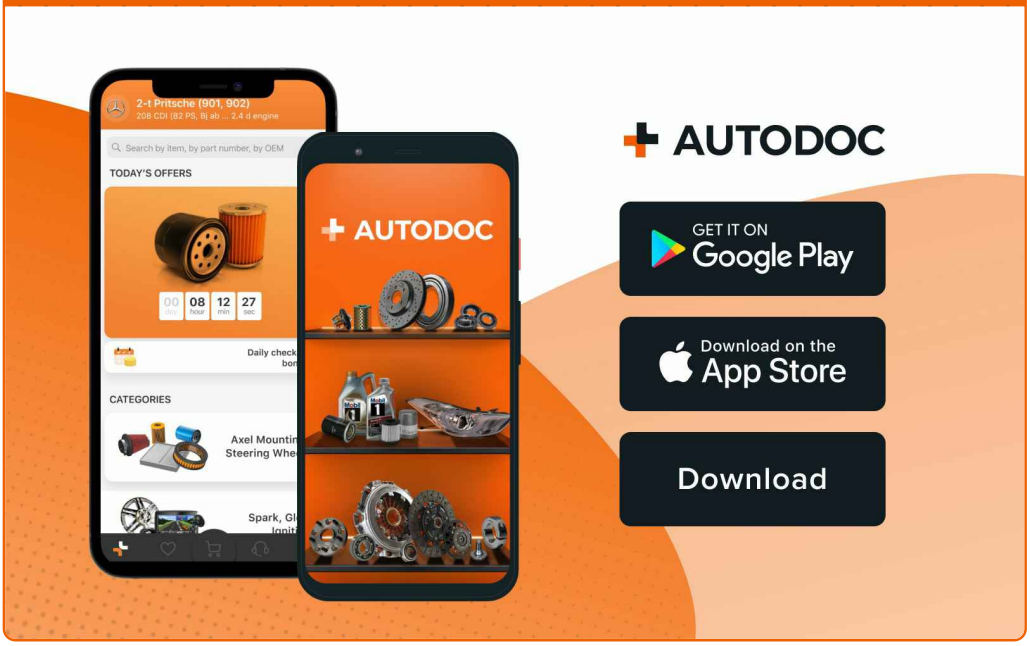

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